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# VPCSB1BGX/B

## PERFECTLY PORTABLE

Lightweight and easy to handle at 3.8 lbs. with a thin 1" profile, the VAIO® S Series laptop is crafted for those on the move. Featuring 2nd generation Intel® Core™ i7 technology, dedicated AMD graphics, a backlit keyboard and a durable magnesium alloy casing, the S Series laptop has everything it takes to get you through the most demanding of days - all in a thin-and-light 13.3" form factor.

Plus a host of energy-saving features deliver up to 7.5 hours of standard battery life, and up to 15 hours of total combined battery life with the all new large capacity sheet battery (sold separately) – helping to keep you unplugged longer[4] .

## BLU-RAY DISC™ TECHNOLOGY

The best picture. The best sound. The ultimate high-definition experience. With pristine HD resolution and stunning clarity, Blu-ray Disc™ technology is an impressive way to enjoy your entertainment.

## PREMIUM GRAPHICS PERFORMANCE

An AMD Radeon™ HD 6630M dedicated graphics card with 1GB of VRAM gives a performance boost to your day-to-day processor functions for an optimized overall computing experience regardless of the task.

Plus, the S Series puts you in control by offering a Hybrid Graphics system that allows you to easily set your graphics performance to deliver power when you need it and energy savings when you don't. You can even set your performance level on the fly without needing to reboot.

A simple hardware switch enables you to choose between two settings:
1.Select Speed for maximum power while multi-tasking or running heavier applications
2.Select Stamina to conserve energy and extend battery life for light computing and mobile scenarios

## 2ND GENERATION PROCESSOR TECHNOLOGY

Whether it's HD, multitasking or multimedia, this processor can handle it all with headroom to spare. Its top-of-the-line speed is complimented by Intel® Turbo Boost Technology 2.0, which adapts processor speed for more performance when you need it[11] . Combined with Intel's richest set of features, the 2nd generation Intel® Core™ i7 processor is the ideal choice for visibly smart performance at its best.

## TAKE IT TO THE BIG SCREEN - WIRELESSLY

Now it's easy to wirelessly stream content to your HDTV with the Intel® Wireless Display enabled S Series laptop. Sit back and experience your favorite online TV shows and movies from the comfort of your couch. Access personal video, music and photos from your hard drive or home network and immediately send it wirelessly to the biggest display in up to full 1080p HD and 5.1 surround sound.

With integrated Intel® Wireless Display technology, searching for cables and stringing them across your living room or office is a thing of the past[10] .

## ON THE CUTTING EDGE OF SSD TECHNOLOGY

For maximum performance and ample storage, the S Series features dual channel SSD with RAID technology. RAID technology coordinates between the two solid state drives to keep them operating simultaneously at optimal capacity. The result is quicker boot-ups, faster application launches and overall enhanced performance. And of course, since SSD technology includes no moving parts, you get amore durable storage solution less prone to physical damage.

At just over 3.8 lbs. the all new VAIO® S Series laptop features the everyday power of a larger PC packed into a thin-and-light 13.3" form factor. From its seamless contours to its advanced battery technology that offers all-day mobility, this PC has all the features that make for a world-class mobile computing experience.

Windows 7

RADEON GRAPHICS

ENERGY STAR

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## Specifications

### General

Action Buttons: VAIO, ASSIST, WEB, Eject, Speed/Stamina, Wireless On/Off

Pointing Device: Electrostatic Touchpad (Multi-Finger)

### Hardware

Keyboard: QWERTY, 82 keys with 2.0mm stroke and 19.05mm pitch

Camera: Built-in HD camera and microphone

Backlit Keyboard: Yes

### Processor

Type: Intel® Core™ i7-2620M

Speed: 2.70GHz[1] with Turbo Boost Technology[11] up to 3.40GHz[1]

Technology: Dual Core

Cache: 4MB

### Memory

Installed: 8GB

Type/Speed: DDR3-1333MHz

Max. Memory: 8GB

### Optical Drive

Type: Blu-ray Disc™ ROM Drive

### Audio

Sound System: Intel® High Definition Audio

### Display

Screen Size: 13.3"

Resolution: 1366 x 768

Back Light Technology: LED

### Graphics

Technology: Hybrid Graphics

Graphics Processor: AMD Radeon™ HD 6630M

Graphics Video RAM: 1GB dedicated

### Inputs and Outputs

Memory Stick® Media Slot: 1

Port Replicator Connector(s): 1

VGA Output(s): 1

DC-In: 1

HDMI™ Output(s): 1

Secure Digital (SD) Slot: 1

USB 2.0: 2

USB 3.0: 1

Headphone Output: 1

### Power

Battery Type: Standard Capacity Lithium-Ion Battery

DVD Playback: up to 4.5 hours[4]

Default Brightness: up to 7.5 hours[4]

Maximum Brightness: up to 6.5 hours[4]

### Start-up Times

Average Boot Time: 60 seconds

Average Resume Time from Suspend: 2 seconds

First Boot Time: 5 minutes

### Wireless/Networking

Ethernet Protocol: 10baseT/100baseTX/1000baseT

Bluetooth® Technology: Bluetooth Integrated Stereo A2DP (2.1 + EDR)

WiDi Ready: Yes - Intel® Wireless Display technology[10]

WiFi Adapter: Intel® Centrino® Wireless-N 1000

### Software

Operating System: Genuine Windows® 7 Professional 64-bit

Supplied Software: Microsoft® Office Starter with reduced-functionality versions of Word and Excel, VAIO Care™ , Media Gallery™ , PMB - VAIO edition[5]

Anti-Virus Software: Norton Internet Security™ 2011 30-Day Trial Offer[7]

Adobe Creative Software: Adobe Acrobat Standard 9.0, Adobe Photoshop® Elements 8.0, Adobe Premiere® Elements 8.0[5]

### Service and Warranty Information

Onsite/In-Home Service: Yes[8]

International Service: Yes

Limited Warranty Term: 1 Year Limited Warranty. See actual warranty for details.

### Environmental Information

RoHS®: Compliant

ENERGY STAR®: 5.0

### Dimensions

Weight: 3.8 lbs. (with Standard Capacity Battery)

Measurements: 13.04" (W) x 0.95" (H) x 8.84" (D)

### Supplied Accessories

Standard Capacity Lithium-Ion Battery (4540mAh), AC Adapter, Power Cord

Color: Black

UPC Code: 027242830714

1. GHz denotes microprocessor internal clock speed and may vary.
2. 1 GB = 1 billion bytes. Actual formatted capacity will be less.
3. Viewable area measured diagonally.
4. Estimates only based upon Sony engineering testing. Actual performance will vary based on notebook settings, environmental conditions, and usage. Battery capacity decreases over time and use.
5. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the aplicable software vendor. Long distance charges may apply.
6. This PC is preloaded with reduced-functionality versions of Word and Excel that include advertising. Purchase an Office 2010 Product Key to activate full-featured Office software on this PC.
7. Norton Internet Security™ 2011 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. After your 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identify theft.
8. Availability may be limited. See limited warranty for details.
9. HDMI cable sold separately.
10. Intel® WiDi 2.1 or later.
11. Requires TV adapter and compatible television. Does not support Blu-ray® disc or other protected content playback.
12. Requires a system with Intel® Turbo Boost Technology capability. Intel Turbo Boost Technology 2.0 is available only on 2nd generation Intel® Core™ i5 and i7 processors. Performance varies depending on hardware, software and system configuration.
13. Available on select Intel® Core™ processors. Requires an Intel® HT Technology enabled system. Performance will vary depending on the specific hardware and software used.
14. Mobile broadband service sold separately.
15. Compatible camera and supporting media sold separately.
16. Allocation of system memory to graphics varies depending on operating condition, version of device driver and total system memory size.

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